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IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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- ☐ 1. **A fully digital noncoherent and coherent GMSK receiver architecture with timing error and frequency offset estimation**  
 Yung-Liang Huang; Kang-Dar Fan; Chia-Chi Huang;  
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 Volume 49, Issue 3, May 2000 Page(s):863 - 874  
 Digital Object Identifier 10.1109/25.845105  
[AbstractPlus](#) | [References](#) | Full Text: [PDF\(296 KB\)](#) IEEE JNL  
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- ☐ 2. **Performance of FFH-GMSK signals with centre sampling single and double detection in frequency-selective Rayleigh channels with CCI**  
 Soliman, K.A.M.;  
[Information Theory, 1998. Proceedings. 1998 IEEE International Symposium on](#)  
 16-21 Aug. 1998 Page(s):453  
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- ☐ 3. **Performance of FFH-GMSK signals with CSDD scheme in frequency-selective channels with CCI**  
 Soliman, K.A.M.;  
[Radio Science Conference, 1996. NRSC '96., Thirteenth National](#)  
 19-21 March 1996 Page(s):469 - 476  
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[AbstractPlus](#) | Full Text: [PDF\(376 KB\)](#) IEEE CNF  
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- ☐ 4. **Frequency division multiplexed microwave and baseband digital optical phased array antennas**  
 Heim, P.J.; McClay, C.P.;  
[Microwave Theory and Techniques, IEEE Transactions on](#)  
 Volume 38, Issue 5, May 1990 Page(s):494 - 500  
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- ☐ using an efficient decision feedback technique  
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Volume 1, 29 Sept.-2 Oct. 1996 Page(s):210 - 214 vol.1  
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- ☐ 6. A wideband 2.4-GHz delta-sigma fractional-NPLL with 1-Mb/s in-loop modulator  
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- ☐ 7. BER analysis of GMSK with one-bit differential detection and offset receiver in  
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[AbstractPlus](#) | Full Text: [PDF\(440 KB\)](#) IEEE CNF  
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- ☐ 8. Optimal detection of a BPSK signal with unsynchronized co-channel interference  
Kwan, R.; Leung, C.;  
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- ☐ 9. Blind symbol-timing and frequency-offset estimation in OFDM systems with  
symbols  
Tanda, M.;  
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- ☐ 10. A 0.25-/spl mu/m CMOS quad-band GSM RF transceiver using an efficient  
plan  
Eunseok Song; Yido Koo; Yeon-Jae Jung; Deok-Hee Lee; Sangyoung Chu; Si  
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- ☐ 11. A radio telescope for the calibration of radio sources at 32 GHz  
Gatti, M.S.; Stewart, S.R.; Bowen, J.G.; Paulsen, E.B.;  
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- ☐ 12. **A New Data Rotation Based CP Synchronization Scheme for OFDM Systems**  
Chi Chung Ko; Ronghong Mo; Miao Shi;  
[Broadcasting, IEEE Transactions on](#)  
Volume 51, Issue 3, Sept. 2005 Page(s):315 - 321  
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- ☐ 13. **Use of diverse delayed correlation for an ML carrier frequency offset estimation based IEEE 802.11a WLANs**  
In-Hang Chung; Ming-Ching Yen;  
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Volume 4, 16-20 May 2005 Page(s):2548 - 2552 Vol. 4  
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- ☐ 14. **Maximum likelihood sequence detection using a pilot tone**  
Hart, B.D.;  
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Digital Object Identifier 10.1109/25.832986  
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- ☐ 15. **Application of classical cosine series window functions to full response quadrature binary modulation systems**  
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Volume 41, Issue 1, Jan. 1993 Page(s):11 - 15  
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- ☐ 16. **A high-frequency double-sampling second-order  $\Delta\Sigma$  modulator**  
Ndjountche, T.; Luo, F.-L.; Unbehauen, R.;  
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- ☐ 17. **Robust OFDM reception with near-optimum Nyquist window**  
Muller-Weinfurter, S.H.; Huber, J.B.;  
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- ☐ 18. **Adaptive DFE for GMSK in indoor radio channels**  
Morelo, J.T.; Wesel, E.K.; Cioffi, J.M.;  
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- ☐ **19. OFDM-MSK for Wireless Communications**  
Richard Hsin-Hsyong Yang; Shiunn-Jang Chern; Chi-Cheng Tseng; Zheng-Ha  
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13-16 Dec. 2005 Page(s):269 - 272  
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- ☐ **20. Adaptive DFE for GMSK in indoor radio channels**  
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[AbstractPlus](#) | [References](#) | Full Text: [PDF\(1008 KB\)](#) IEEE JNL  
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- ☐ **21. Analysis and optimization of DS-CDMA systems with time-limited partial waveforms**  
Rongfang Song; Shu Hung Leung;  
Broadcasting, IEEE Transactions on  
Volume 49, Issue 2, June 2003 Page(s):202 - 210  
Digital Object Identifier 10.1109/TBC.2003.813436  
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IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

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- ☐ 1. **A fully digital noncoherent and coherent GMSK receiver architecture with timing error and frequency offset estimation**  
 Yung-Liang Huang; Kang-Dar Fan; Chia-Chi Huang;  
[Vehicular Technology, IEEE Transactions on](#)  
 Volume 49, Issue 3, May 2000 Page(s):863 - 874  
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 Tanda, M.;  
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- ☐ 5. **Maximum likelihood sequence detection using a pilot tone**  
 Hart, B.D.;

Vehicular Technology, IEEE Transactions on  
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- ☐ **6. Analysis and optimization of DS-CDMA systems with time-limited partial waveforms**  
Rongfang Song; Shu Hung Leung;  
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- ☐ **7. Suppression of non-reciprocal interference in adaptive MIMO-OFDM cells**  
Tolli, A.; Codreanu, M.; Juntti, M.;  
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Volume 2, 30 May-1 June 2005 Page(s):1072 - 1076 Vol. 2  
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- ☐ **8. Adaptive DFE for GMSK in indoor radio channels**  
Mourello, J.T.; Wesel, E.K.; Cioffi, J.M.;  
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- ☐ **9. A simple adaptive algorithm for real-time processing in antenna arrays**  
Griffiths, L.J.;  
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Volume 57, Issue 10, Oct. 1969 Page(s):1696 - 1704  
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Digital Object Identifier 10.1109/TBC.2005.851135  
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S11	353	((calculat\$3 determin\$3) with (noise distort\$4 static interference) with frequenc\$3 with offset)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 11:03
S14	2	((calculat\$3 determin\$3) with first with (noise distort\$4 static interference) with frequenc\$3 with offset) and ((calculat\$3 determin\$3) with second with (noise distort\$4 static interference) with frequenc\$3 with offset) and ((timing synchronization) adj error)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 12:52
S15	232	702/69.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 12:54
S18	49867	motorola\$.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 12:55
S16	2	makhlouf-isam\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 12:55
S17	51	jasper-steven\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 13:02
S19	2	"6546057".pn. us-20030185326-\$.did.	US-PGPUB; USPAT	OR	ON	2006/02/22 13:15
S21	2	"5343499".pn. "6441786".pn.	US-PGPUB; USPAT	OR	ON	2006/02/22 13:16

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S13	2	((calculat\$3 determin\$3) with first with (noise distort\$4 static interference) with frequenc\$3 with offset) and (frequenc\$3 adj error) and ((calculat\$3 determin\$3) with second with (noise distort\$4 static interference) with frequenc\$3 with offset) and ((timing synchronization) with error)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 13:18
S22	1	S18 and ((calculat\$3 determin\$3) with (noise distort\$4 static interference) with frequenc\$3 with offset) and (frequenc\$3 adj (error drift)) and ((calculat\$3 determin\$3) with (noise distort\$4 static interference) with frequenc\$3 with offset) and ((timing phase synchronization) adj (error drift))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 13:19
S24	24	((calculat\$3 determin\$3) with (noise distort\$4 static interference) with frequenc\$3 with offset) and (frequenc\$3 adj (error drift)) and ((calculat\$3 determin\$3) with (noise distort\$4 static interference) with frequenc\$3 with offset) and ((timing phase synchronization) adj (error drift)) and demodulator	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 13:21
S26	1	"5793250".pn. and (phase with error)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 13:47
S29	719	(329/304).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/22 14:22
S28	5638	(370/252,350,503).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/22 14:22
S27	7385	(375/224,227,340,350,326,285,371).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/22 14:22

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S23	32	((calculat\$3 determin\$3) with (noise distort\$4 static interference) with frequenc\$3 with offset) and (frequenc\$3 adj (error drift)) and ((calculat\$3 determin\$3) with (noise distort\$4 static interference) with frequenc\$3 with offset) and ((timing phase synchronization) adj (error drift))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 14:23
S30	7	(S27 S28 S29) and ((calculat\$3 determin\$3) with (noise distort\$4 static interference) with frequenc\$3 with offset) and (frequenc\$3 adj (error drift)) and ((calculat\$3 determin\$3) with (noise distort\$4 static interference) with frequenc\$3 with offset) and ((timing phase synchronization) adj (error drift))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 14:27
S25	3	((calculat\$3 determin\$3) with (noise distort\$4 static interference) with frequenc\$3 with offset) and (frequenc\$3 adj (error drift)) and ((calculat\$3 determin\$3) with (noise distort\$4 static interference) with frequenc\$3 with offset) and ((timing phase synchronization) adj (error drift)) and demodulator and (channel with estimation with filter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 14:29
S12	3	((calculat\$3 determin\$3) with first with (noise distort\$4 static interference) with frequenc\$3 with offset) and (frequenc\$3 adj error) and ((calculat\$3 determin\$3) with second with (noise distort\$4 static interference) with frequenc\$3 with offset)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/22 15:10
S31	3	((calculat\$3 determin\$3) with (noise distort\$4 static interference) with frequenc\$3 with offset) and (frequenc\$3 adj (error drift)) and ((calculat\$3 determin\$3) with (noise distort\$4 static interference) with frequenc\$3 with offset) and ((timing phase synchronization) adj (error drift)) and demodulator and (channel with estimation with filter) and (center with frequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 08:03

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S35	1	((calculat\$3 determin\$3) same (noise adj estimat\$3) same frequenc\$3 same offset) and (frequenc\$3 adj (error drift)) and ((timing phase synchronization) adj (error drift)) and demodulator and (channel with estimation with filter) and (center with frequenc\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 08:04
S36	3	((calculat\$3 determin\$3) same (noise adj estimat\$3) same frequenc\$3 same offset) and (frequenc\$3 adj (error drift)) and ((timing phase synchronization) adj (error drift))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 08:05
S37	149	((calculat\$3 determin\$3) same noise same frequenc\$3 same offset) and (frequenc\$3 adj (error drift)) and ((timing phase synchronization) adj (error drift))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 08:06
S39	1049	(first with noise with estimat\$3) and (second with noise with estimat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 08:18
S38	17	((calculat\$3 determin\$3) with noise with frequenc\$3 with offset) and (frequenc\$3 adj (error drift)) and ((timing phase synchronization) adj (error drift))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 08:18
S40	28	(first with noise with estimat\$3) and (second with noise with estimat\$3) and ((frequency timing) adj offset) and ((frequency timing) adj error)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 08:19
S41	3	(first with noise with estimat\$3) and (second with noise with estimat\$3) and ((frequency timing) adj offset) and ((frequency timing) adj error) and (minimum with noise with estimat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:17
S42	4	(first with noise with estimat\$3) and (second with noise with estimat\$3) and ((frequency timing) adj offset) and ((frequency timing) adj error) and ((snr (signal with noise with ratioa)) same (frequency adj offset))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/23 10:18
S20	1	us-20040196915-\$.did.	US-PGPUB; USPAT	OR	ON	2006/02/27 11:13

## EAST Search History

L4	2	((timing with offset) with (timing with error) with ((minimum with noise) (maximum with ("SNR" (signal near noise))))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 11:14
L2	10	((frequency with offset) with (frequency with error) with ((minimum with noise) (maximum with ("SNR" (signal near noise))))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 11:36
L1	28	((frequency with offset) same (frequency with error) same ((minimum with noise) (maximum with ("SNR" (signal near noise))))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 11:36
L3	3	((timing with offset) same (timing with error) same ((minimum with noise) (maximum with ("SNR" (signal near noise))))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 12:43
L6	1	((determin\$3 same (frequenc\$3 timing) same error) and (first with noise with estimation) and (second with noise with estimation)).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 12:44